## **Tribal Climate Change Funding Guide**

Draft for Review - May 30, 2012

The Pacific Northwest Tribal Climate Change Project at the University of Oregon and the Environmental Protection Agency, Region 10 Tribal Program Office developed this guide collaboratively. Mahala Ray, an undergraduate in the Environmental Studies Program at the University of Oregon, is the primary research assistant for the development of the funding guide. If you have questions about the guide or suggestions for additional funding programs to be included, please contact Michele Davis (Davis.MichelleV@epamail.epa.gov) and Kathy Lynn (kathy@uoregon.edu).

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### INTRODUCTION

The impacts resulting from climate change vary from region to region, but within the United States the communities who are seeing the impacts of climate change before others are generally Native American and Alaskan tribes. A forthcoming challenge is the capability of these indigenous communities, who are already being affected by climate change, to begin to plan for the changes yet to occur. <sup>1</sup>

Native American and Alaskan tribes may experience disproportionate impacts from climate change. Many cultural traditions and, in some cases, tribal subsistence practices depend on species native to their traditional landscape. Many different issues resulting from climate change are beginning to affect these landscapes, including ocean acidification, sea level rise and species migration. These impacts are changing the habitats for many cultural resources that native peoples depend on, creating problems with availability and, as species migrate with changing habitats, access.<sup>2</sup>

These are only a few of many challenges being posed by climate change for tribes, and many indigenous communities are experiencing immediate affects of climate change resulting from these issues. Because of this dependence upon culturally important resources, tribal communities have an urgent need for adaptation opportunities. In many cases, access to these resources is necessary in order to allow for cultural perpetuity in a quickly globalizing world.

Despite these observations, funding for tribal climate change initiatives is extremely limited. The allocation of funds is spread throughout the federal, regional and state government, which makes it challenging to identify programs that directly concern climate change. Despite these difficulties, there are numerous funding opportunities available that can indirectly address climate change. This document is intended to describe funding resources that are both directly related to climate change or can be used indirectly for adaptation efforts. The document is organized within the following sections:

- Adaptation
- Disaster and Climate Planning
- Education
- Energy
- Environmental Regulatory
- Human and Environmental Health
- Land and Coastal
- Natural Resources and Wildlife
- Water and Waste Management

<sup>&</sup>lt;sup>1</sup> http://www.globalchange.gov/component/content/article/52-reports-and-assessments/478-overview-native-peoples-and-homelands

<sup>&</sup>lt;sup>2</sup>http://www.epa.gov/air/tribal/pdfs/Impacts%20of%20Climate%20Change%20on%20Tribes%20in%20the%20Unit ed%20States.pdf

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Each of these sections represents a grant area that may be of interest to tribes. Directly below each individual funding opportunity, the relevant deadline is listed in red. If it is an upcoming deadline, it is highlighted in yellow. These deadlines are also highlighted in the table of contents for ease of usability.

Each section lists relevant funding opportunities for climate change planning and projects, and includes the following information:

- Application deadline
- Agency providing the funding opportunity
- Eligibility requirements
- Matching funds requirements
- A description of the opportunity
- Contact information
- Website

Although this document reflects many programs that may be used to plan and mitigate climate change, this guide is a living document and is not an exhaustive collection.

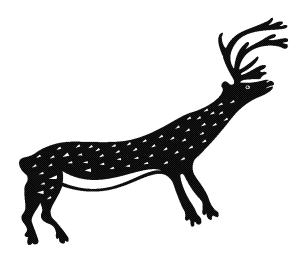
## **ADAPTATION**

Some degree of future climate change will occur regardless of future greenhouse gas emissions. Adapting to the effects of climate change is necessary in certain regions and for certain socioeconomic and environmental systems. However, according to the IPCC, "adaptation alone is not expected to cope with all the projected effects of climate change, and especially not over the long term as most impacts increase in magnitude."

Defined as the adjustment in natural or human systems in response to the effects of climate change, adaptation is a necessary tool for tribal cultural survival. The extent of climate change impacts upon different ecosystems, regions and sectors of the economy will depend not only on the sensitivity of those systems to climate change, but also on the systems' ability to adapt to climate change.

Adaptation to environmental change is not a new concept. Human societies have shown throughout history a strong capacity for adapting to different climates and environmental changes, as seen in the histories of many tribes. Human-induced climate change represents a new challenge, however, and may require adaptation approaches to changes that are potentially larger and faster than past experiences with recorded natural climatic variability.

Climate-sensitive systems of society and the natural environment, including agriculture, forestry, water resources, human health, coastal settlements, and natural ecosystems, will need to adapt to a changing climate or possibly face diminished productivity, functioning and health. <sup>3</sup>



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<sup>&</sup>lt;sup>3</sup> http://www.epa.gov/climatechange/effects/adaptation.html

## **Indian Environmental General Assistance Program (CFDA 66.926)**

Deadline: Applications due by May 21, 2012 for FY 2013

**Agency**: U.S. Environmental Protection Agency

**Eligibility**: All federally recognized tribes in Region 10 are eligible to receive funds. Tribal consortia that meet the eligibility requirements described above may also receive funding, if available after tribal governments are funded at their base funding levels.

Funding amount: Individual awards between \$75,000 and \$165,000 per year.

Matching funds: NA

**Description**: EPA's policy is to work with tribes on a government-to-government basis to enhance environmental protection in Tribal communities. In 1992, Congress passed the Indian Environmental General Assistance Program Act which authorizes EPA to provide General Assistance Program (GAP) grants to federally recognized tribes and tribal consortia for planning, developing, and establishing environmental protection programs.

The GAP program is exempt from competition. EPA has determined that competition for GAP is not practical because of the need to provide a clear and stable source of base funding for program development and capacity building across Indian country consistent with the primary statutory purpose of the program. Therefore, all applications that meet the stated requirements in program regulations and this guidance will be funded if funds are available.

#### Contact:

If located in Alaska, please submit your proposal to your Project Officer. If you are a new applicant in Alaska, please submit your proposal to Santina Gay at:
US EPA, Alaska Operations Office 222 W. Seventh Avenue, #19 Anchorage, AK 99513-7588

If located in Idaho, Oregon, or Washington, please submit your proposal to your Project Officer. If you are a new grantee in Idaho, Oregon, or Washington, please submit your proposal to Diana Boquist at:

US EPA, Region 10 1200 Sixth Avenue, Suite 900, ETPA-085 Seattle, WA 98101-1128

#### Website:

http://yosemite.epa.gov/R10/TRIBAL.NSF/Grants/IGAP/\$FILE/igap\_fy2011\_announcement.pdf http://yosemite.epa.gov/R10/TRIBAL.NSF/Grants/IGAP/#info

## DISASTER AND CLIMATE PLANNING

Climate change will affect societies through impacts on the necessities and comforts of life: water, energy, housing, transportation, food, natural ecosystems, and health. This section focuses on some characteristics of society that make it vulnerable to the impacts of climate change. Many impacts of climate change on society are covered in other sections of this document. This section highlights planning and recovery efforts from the potential effects of climate change.

Because societies and their built environments have developed under a climate that has fluctuated within a relatively confined range of conditions, most impacts of a rapidly changing climate will present challenges. Society is especially vulnerable to extremes, such as heat waves

and floods, many of which are increasing as climate changes. And while there are likely to be some benefits and opportunities in the early stages of warming, as climate continues to change, negative impacts are projected to dominate.



Climate change will affect different segments of society differently because of their varying exposures and adaptive capacities. The impacts of climate change also do not affect society in isolation. Rather, impacts can be exacerbated when climate change occurs in combination with the effects of an aging and growing population, pollution, poverty, and natural environmental fluctuations. Unequal adaptive capacity in the world as a whole also will pose challenges to the United States, especially within the realm of indigenous tribal populations. <sup>4</sup>

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<sup>&</sup>lt;sup>4</sup> http://www.globalchange.gov/publications/reports/scientific-assessments/usimpacts/climate-change-impacts-by-sector/society

## NOAA Sea Grant Community Climate Adaptation Initiative 2011 (CFDA 11.417)

Deadline: Unannounced deadline for 2012

**Agency**: Oceanic and Atmospheric Research, National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

**Eligibility**: Sea Grant Programs, interested parties are encouraged to work with the Sea Grant programs in their region to explore opportunities for partnering.

Funding amount: Individual awards of up to \$100,000

Matching funds: Yes

**Description**: This climate adaptation initiative is designed to support action to prepare for the current and predicted impacts of climate variability and change on America's coastal communities. Applications to this competition must propose projects that identify and address the vulnerabilities a coastal community may face in adapting to climate change. Projects must be carried out in active partnership with local (county or municipal) leadership, and should include cooperation with relevant state, NOAA, and other Federal agencies, or other organizations, as appropriate.

Contacts: Mr. Michael Liffmann, 301-734-1074 Dr. Joshua Brown 301-734-1271.

Website: http://seagrant.noaa.gov/funding/nsi/faq/cccai\_2011.html

## **Local Governments Reimbursement Program**

Deadline: Applications accepted at any time.

**Agency**: U.S. Environmental Protection Agency

**Eligibility**: Local governments that are eligible to receive reimbursement under the Local Governments Reimbursement program include any general-purpose unit of local government, such as a county, parish, city, town, township, and municipality. Federally recognized Indian Tribes are also eligible for reimbursement under the LGR program.

Funding amount: Up to \$25,000 per incident

Matching funds: NA

**Description**: In the event of a release (or threatened release) of hazardous substances, EPA may reimburse local governments for expenses related to the release and associated emergency response measures. The Local Governments Reimbursement Program provides a "safety net" of up to \$25,000 per incident to local governments that do not have funds available to pay for response actions.

Contact: (800) 431-9209, lgr.epa@epamail.epa.gov

Website: http://www.epa.gov/oem/content/lgr/

## **Emergency Watershed Protection Program**

Deadline: Applications accepted at any time.

Agency: U.S. Department of Agriculture, Natural Resources Conservation Service

**Eligibility**: Public and private landowners are eligible for assistance but must be represented by a project sponsor. Sponsors include legal subdivisions of the State, such as a city, county, general improvement district, conservation district, or any Native American tribe or tribal organization as defined in section 4 of the Self-Determination and Education Assistance Act.

Funding amount: Varies.

**Matching funds**: The Natural Resources Conservation Service may bear up to 75 percent of the construction cost of emergency measures. The remaining 25 per-cent must come from local sources.

**Description**: The Emergency Watershed Protection Program responds to emergencies created by natural disasters. The program is designed to help people and conserve natural resources by relieving imminent hazards to life and property caused by floods, fires, wind-storms, and other natural occurrences. All projects undertaken, with the exception of the purchase of floodplain easements, must have a project sponsor.

**Contact**: Please contact your local USDA office. Contact information listed at: http://offices.sc.egov.usda.gov/locator/app

### Website:

http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/landscape/ewpp

## Climate Program Office for FY 2012 (CFDA 11.431)

Deadline: Unannounced deadline for FY 2013

**Agency**: Oceanic and Atmospheric Research, National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

**Eligibility**: Eligible applicants are institutions of higher education, other nonprofits, commercial organizations, international organizations, and state, local and Indian tribal governments. Federal agencies or institutions are not eligible to receive Federal assistance under this notice.

**Funding amount**: Between \$50,000 and \$200,000 per year, with some exceptions for larger awards.

Matching funds: Possible 5 percent

**Description**: Climate and Atmospheric Research Changing climate confronts society with significant economic, health, safety, and national security challenges. NOAA advances scientific and technical programs to help society cope with, and adapt to, today's variations in climate and to prepare for tomorrow's.

SPECIFIC APPLICATION INSTRUCTIONS, SEE WEBSITE FOR FURTHER DETAILS

#### Website:

An information sheet containing further details and Points of Contact can be found at: <a href="http://www.cpo.noaa.gov/index.jsp?pg=/opportunities/opp\_index.jsp&opp=2012/program\_ele\_ments.jsp">http://www.cpo.noaa.gov/index.jsp?pg=/opportunities/opp\_index.jsp&opp=2012/program\_ele\_ments.jsp</a>

## **AmeriCorps Indian Tribes Planning Grants FY2012 (CFDA 94.006)**

Deadline: Unannounced deadline for 2013

Agency: Corporation for National and Community Service

**Eligibility**: Indian Tribes Planning Grant applicants must not have received an AmeriCorps grant in the past and must be a federally recognized Indian Tribe. Applicants may have received funding through Learn and Serve America, NCCC, Senior Corps, or VISTA.

Funding amount: Varies

Matching funds: Applicants must provide 24% of the total project cost in match. Match may be cash or in-kind. Indian Tribal Government programs are subject to the same matching requirements. However, in accordance with Executive Order 13175, —Consultation and Coordination with Indian Tribal Governments, CNCS may expedite approving waivers of matching requirements. Tribal governments that require a waiver must submit a request at least 60 days before the AmeriCorps application is due. For full information on applying for a Tribal waiver, send a request for instructions to TribalMatchWaiver@cns.gov.

**Description**: The purpose of planning grants is to support the development of AmeriCorps programs that will engage AmeriCorps members in evidence-based interventions to solve community problems.

Contact: (202) 606-7508, americorpsgrants@cns.gov

#### Website:

http://www.americorps.gov/for\_organizations/funding/nofa\_detail.asp?tbl\_nofa\_id=93

## **Hazard Mitigation Assistance Programs**

Deadline: Applications may be submitted following a federal or state disaster declaration

Agency: Federal Emergency Management Agency (FEMA)

Contact: Call (800) 621-3362.

Website: http://www.fema.gov/government/grant/hma/index.shtm

### Flood Mitigation Assistance (FMA) Program

**Description**: FEMA provides FMA funds to assist States and communities implement measures that reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insured under the National Flood Insurance Program. Three types of FMA grants are available to States and communities:

- Planning Grants to prepare Flood Mitigation Plans. Only NFIP-participating communities with approved Flood Mitigation Plans can apply for FMA Project grants
- Project Grants to implement measures to reduce flood losses, such as elevation, acquisition, or relocation of NFIP-insured structures. States are encouraged to prioritize FMA funds for applications that include repetitive loss properties; these include structures with 2 or more losses each with a claim of at least \$1,000 within any ten-year period since 1978.
- Management Cost Grants for the State to help administer the FMA program and activities. Up to ten percent (10%) of Project grants may be awarded to States for Management Cost Grants.

#### **Hazard Mitigation Grant Program (HMGP)**

**Description**: The Hazard Mitigation Grant Program (HMGP) provides grants to States and local governments to implement long-term hazard mitigation measures after a major disaster declaration. The purpose of the HMGP is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the immediate recovery from a disaster. The HMGP is only available to applicants that reside within a presidentially declared disaster area. Eligible applicants are state and local governments, Indian tribes or other tribal organizations, and certain non-profit organizations.

**Application**: Applications for mitigation projects are encouraged as soon as possible after the disaster occurs so that opportunities to do mitigation are not lost during reconstruction. The State will set a deadline for application submittal. You should contact your State Hazard Mitigation Officer for specific application dates.

**Eligibility:** Individual homeowners and businesses may not apply directly to the program; however a community may apply on their behalf.

**Funding amount**: The amount of funding available for the HMGP under a particular disaster declaration is limited. The program may provide a State with up to 15 percent of the total disaster grants awarded by FEMA. The State or grantee must provide a 25% match, which can be fashioned from a combination of cash and in-kind sources.

#### Repetitive Flood Claims Program (RFC) (CFDA 97.092)

**Description**: The Repetitive Flood Claims (RFC) grant program was authorized by the Bunning-Bereuter-Blumenauer Flood Insurance Reform Act of 2004 (P.L. 108–264), which amended the National Flood Insurance Act (NFIA) of 1968 (42 U.S.C. 4001, et al).

Up to \$10 million is available annually for FEMA to provide RFC funds to assist States and communities reduce flood damages to insured properties that have had one or more claims to the National Flood Insurance Program (NFIP).

Federal / Non-Federal Cost Share: FEMA may contribute up to 100 percent of the total amount approved under the RFC grant award to implement approved activities, if the Applicant has demonstrated that the proposed activities cannot be funded under the Flood Mitigation Assistance (FMA) program.

### Severe Repetitive Loss Program (SRL)

The Severe Repetitive Loss (SRL) grant program is intended to provide funding to reduce or eliminate the long-term risk of flood damage to severe repetitive loss (SRL) structures insured under the National Flood Insurance Program.

**Definition**: The definition of severe repetitive loss as applied to this program is defined as a residential property that is covered under an NFIP flood insurance policy and:

- (a) That has at least four NFIP claim payments (including building and contents) over \$5,000 each, and the cumulative amount of such claims payments exceeds \$20,000; or
- (b) For which at least two separate claims payments (building payments only) have been made with the cumulative amount of the building portion of such claims exceeding the market value of the building.

For both (a) and (b) above, at least two of the referenced claims must have occurred within any ten-year period, and must be greater than 10 days apart.

Purpose: To reduce or eliminate claims under the NFIP through project activities that will result in the greatest savings to the National Flood Insurance Fund (NFIF).

Federal / Non-Federal cost share: 75 / 25 %; up to 90 % Federal cost-share funding for projects approved in States, Territories, and Federally-recognized Indian tribes with FEMA-approved Standard or Enhanced Mitigation Plans or Indian tribal plans that include a strategy for mitigating existing and future SRL properties.

## **Pre-Disaster Mitigation Grant Program (CFDA 97.047)**

Deadline: Applications must be submitted within 12 months of disaster declaration date.

Agency: Department of Homeland Security, Federal Emergency Management Agency (FEMA)

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**Eligibility**: Federally recognized Indian tribal governments are eligible to apply for PDM funds either as an applicant directly to FEMA, or as a sub-applicant to a state/territory emergency management agency. Native Alaskan villages, state recognized tribes, tribal universities and organizations are eligible to apply for PDM funds only as a Sub-applicant to a state/territorial emergency management agency.

Funding amount: Varies.

Matching funds: Yes, 25 percent non-federal cost share. Grants awarded to "small, impoverished communities" may receive a Federal cost share of up to 90 percent of the total amount approved under the grant award. Federally recognized Indian tribal governments applying as applicants directly to FEMA will determine if they meet the definition of a small, impoverished community as provided in the PDM Guidance. For Indian tribes applying as Subapplicants to a state/territorial emergency management agency, the state/territory will make this determination.

**Description**: FEMA's Pre-Disaster Mitigation (PDM) program will provide funds to states, Indian tribal governments, territories, and communities for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event. The PDM program provides a significant opportunity to raise risk awareness and reduces the nation's disaster losses through pre-disaster mitigation planning and the implementation of cost-effective mitigation measures. The PDM assists states and communities to implement a sustained pre-disaster natural hazard mitigation program to reduce overall risk to the population and structures, while also reducing reliance on Federal funding from actual disaster declarations.

Contact: Richard Krikava, richard.krikava@dhs.gov, 425-487-4540

Website: http://www.fema.gov/government/grant/pdm/pdm\_tribal\_fact\_sheet.shtm

# RFP to Incorporate Traditional Ecological Knowledge into Plans, Programs, and Projects (CFDA 15.664)

Deadline: Unannounced deadline for 2012

**Agency**: U.S. Fish and Wildlife Service, North Pacific Landscape Conservation Cooperative

(NPLCC)

Eligibility: Tribal agencies, institutions, and organizations are eligible.

Funding amount: Individual awards of up to \$50,000

**Matching funds**: A match is not required, but cost leveraging is one of the criteria that will be considered by reviewers during evaluations.

**Description**: Requests proposals to find creative and effective ways to incorporate traditional ecological knowledge (TEK) of tribes and First Nations into climate science work of the NPLCC. The purpose of this Funding Opportunity is to demonstrate how TEK can be integrated with the work of the NPLCC and to identify un-met information needs of tribes and First Nations regarding how natural and cultural resources may be affected by climate change.

#### Contact:

John Mankowski, NPLCC Coordinator, john\_mankowski@fws.gov 360-534-9330 Mary Mahaffy, NPLCC Science Coordinator mary\_mahaffy@fws.gov; 360-753-7763

#### Website:

http://www.fws.gov/pacific/Climatechange/nplcc/pdf/NPLCC fy12 funding guidance.pdf

## **Social and Economic Development Strategies for Native Americans**

Deadline: Applications due June 18, 2012.

**Agency**: Administration for Native Americans

Eligibility: Eligible applicants include Federally recognized Indian Tribes; consortia of Indian Tribes; incorporated non-Federally recognized Tribes; incorporated, non-profit, multi-purpose, community-based Indian organizations; urban Indian centers; National or regional incorporated non-profit Native American organizations with Native American community-specific objectives; Alaska Native villages, as defined in the Alaska Native Claims Settlement Act and/or non-profit village consortia; incorporated, non-profit Alaska Native, multi-purpose, community-based organizations; non-profit Alaska Native Regional Corporations/Associations in Alaska with village-specific projects; non-profit native organizations in Alaska with village-specific projects; public and non-profit private agencies serving Native Hawaiians; public and private non-profit agencies serving native peoples from Guam, American Samoa, or the Commonwealth of the Northern Mariana Islands (the populations served may be located on these islands or in the United States); tribally controlled community colleges, tribally controlled post-secondary vocational institutions, and colleges and universities located in Hawaii, Guam, American Samoa, or the Commonwealth of the Northern Mariana Islands that serve Native Pacific Islanders; and, non-profit Alaska Native community entities or tribal governing bodies (Indian Reorganization Act or Traditional Councils) as recognized by the Bureau of Indian Affairs.

Funding Amount: Individuals awards between \$50,000 and \$375,000

Matching funds: Grantees must provide at least 20 percent of the total approved cost of the project.

**Description**: ANA promotes social and economic self-sufficiency in communities through SEDS grants. These competitive financial assistance grants support locally determined projects designed to reduce or eliminate community problems and achieve community goals. This approach to promoting self-sufficiency encourages communities to shift away from programs that result in dependency on services and move toward projects that increase community and individual productivity through community development. SEDS grants fund social and economic development projects in on- and off-reservation native communities and provide federal support for self-determination and self-governance among Native American people.

**Contact**: Sarah Schappert, U.S. Department of Health and Human Services; Phone, (877) 922-9262; Email, ana@acf.hhs.gov

**Website**: <a href="http://www.acf.hhs.gov/programs/ana/index.html">http://www.acf.hhs.gov/programs/ana/index.html</a>

http://www.acf.hhs.gov/grants/open/foa/view/HHS-2012-ACF-ANA-NG-0278/html

## **EDUCATION**

In order to effectively understand and prepare for the impacts of climate change on natural resources, education programs are necessary. Education has the potential to empower a broad range of stakeholders, and to allow these stakeholders to make more informed and effective decisions as they prepare for and respond to the many dimensions of global change. Climate change education is necessary for tribes to properly prepare, mitigate and adapt to impacts in their area.

Youth education is also a necessary approach to climate change education, as youth represent the next generation of their family and culture. It is up to this next generation to preserve natural and cultural resources in a quickly globalizing world, and it is up to us to provide them with the means to accomplish this. Without the appropriate knowledge of the processes of climate change and the issues that are resulting from them, tribal youth stand to lose valuable resources that would provide for generations following.

The following funding opportunities offer a chance to provide proper climate change education for current and future generations.



### **Environmental Education Sub-Grants Program (CFDA Number 66.951)**

Deadline: Unannounced deadline for 2012

Agency: U.S. Environmental Protection Agency, Office of Environmental Education

**Eligibility**: Tribal education agencies that are eligible to apply include a school or community college which is controlled by an Indian tribe, band, or nation, which is recognized as eligible for special programs and services provided by the United States to Indians because of their status as Indians and which is not administered by the Bureau of Indian Affairs. Tribal organizations do not qualify unless they meet that criteria or the non-profit code Section 501(C)(3) of the Internal Revenue Code

Funding amount: One of approximately \$150,000 in each of EPA's ten regions

Matching funds: Yes, minimum of 25% of the total amount

**Description**: The Environmental Education (EE) Sub-grants Program is a competitive grant program that supports EPA's efforts to increase public awareness and knowledge about environmental issues and provide participants in EE grant-funded projects the skills necessary to make informed environmental decisions and to take responsible actions toward the environment. Areas of interest include Taking Action on Climate Change, Improving Air Quality, Assuring the Safety of Chemicals, Cleaning Up Our Communities, Protecting America's Waters, Expanding the Conversation on Environmentalism and Working for Environmental Justice and Building Strong State and Tribal Partnerships. Please see RFP for specifics on application.

**Contact**: Karen Scott (EEgrants@epa.gov), Environmental Education Grant Program, Office of Environmental Education

Website: http://www.epa.gov/enviroed/grants.html

## **ENERGY**

Energy is at the heart of the global warming challenge. It is humanity's production and use of energy that is the primary cause of global warming, and in turn, climate change will eventually affect our production and use of energy. The vast majority of U.S. greenhouse gas emissions, about 87 percent, come from energy production and use.

At the same time, other U.S. trends are increasing energy use: population shifts to the South, especially the Southwest, where air conditioning use is high; an increase in the square footage built per person; increased electrification of the residential and commercial sectors; and increased market penetration of air conditioning.

Many of the effects of climate change on energy production and use in the United States are not well studied. Some of the effects of climate change, however, have clear implications for energy production and use. For instance, rising temperatures are expected to increase energy requirements for cooling and reduce energy requirements for heating. Changes in precipitation have the potential to affect prospects for hydropower, positively and negatively. Increases in hurricane intensity are likely to cause further disruptions to oil and gas operations in the Gulf, like those experienced in 2005 with Hurricane Katrina and in 2008 with Hurricane Ike. Concerns about climate change impacts will almost certainly alter perceptions and valuations of energy technology alternatives. These effects are very likely to be relevant for energy policies, decisions, and institutions in the United States, affecting courses of action and appropriate strategies for risk management.

The overall scale of the national energy economy is very large, and the energy industry has both the financial and the managerial resources to be adaptive. Impacts due to climate change are likely to be most apparent at sub-national scales, such as regional effects of extreme weather events and reduced water availability, and effects of increased cooling demands on especially vulnerable places and populations.<sup>5</sup>

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<sup>&</sup>lt;sup>5</sup> http://www.globalchange.gov/publications/reports/scientific-assessments/us-impacts/climate-change-impacts-by-sector/energy-supply-and-use

# **Energy Efficiency Development and Deployment in Indian Country (CFDA 81.087)**

Deadline:

**Agency**: Department of Energy, Office of Energy Efficiency

**Eligibility**: All Indian tribes and organizations including Alaska Native Villages. For projects located on tribal land

**Funding amount**: Approximately \$2,000,000 to \$4,000,000 total, Individual awards can range from \$50,000-\$200,000

Matching funds: ?

**Description**: The Department of Energy's Tribal Energy Program under the Office of Energy Efficiency and Renewable Energy is soliciting applications for the assessment and deployment of energy efficiency improvements in Indian Country. Projects eligible for funding include: Feasibility studies to assess and determine the technical and economic feasibility of energy efficiency improvements to existing Tribally owned buildings or installation of energy efficiency improvements to existing Tribally-owned buildings.

**Contact**: For questions please see grants.gov or ask through Fedconnection.gov

#### Website:

Tribal energy Program Page:

http://apps1.eere.energy.gov/tribalenergy/government grants.cfm

Information on the Tribal Energy Program and previously funded projects is available on the website at www.eere.energy.gov/tribalenergy.

## Climate Showcase Communities Program (CFDA 66.041)

Deadline:

**Agency**: U.S. Environmental Protection Agency (EPA)

**Eligibility**: Local governments, federally recognized Indian tribal governments, or Intertribal Consortium. Intertribal consortia are eligible to receive grants under this program only if the consortium demonstrates that all members of the consortium meet the eligibility requirements for the grant and authorize the consortium to apply for and receive assistance by submitting to EPA documentation of (1) the existence of the partnership between Indian tribal governments, and (2) authorization of the consortium by all its members to apply for and receive the grant.

Funding amount: Individual awards of approximately \$500,000

**Matching Funds**: A 50% match is required for this program with the exception of tribal governments and intertribal consortia that are exempt from matching requirements

**Description**: The overall goal of the Climate Showcase Communities program is to create replicable models of cost-effective and persistent greenhouse gas reductions that will catalyze broader local and tribal government actions to stabilize the climate and improve environmental, economic, health, and social conditions.

**Contact**: U.S. Environmental Protection Agency Attn: Jane Kurtz (Mail Code 6202J)
OAR/OAP/Climate Protection Partnerships Division 1200 Pennsylvania Avenue, NW,
Washington, DC 20460 Phone: 202-343-9304 Fax: 202-343-2202 E-mail: <a href="mailto:kurtz.jane@epa.gov">kurtz.jane@epa.gov</a>

**Website**: <a href="http://www.epa.gov/air/grants/09-08.pdf">http://epa.gov/statelocalclimate/local/showcase/index.html</a>

# <u>First Steps Toward Developing Renewable Energy and Energy Efficiency on</u> Tribal Lands (CFDA 81.087)

Deadline:

Agency: Department of Energy, Office of Energy Efficiency

**Eligibility**: All Indian tribes and organizations including Alaska Native Villages. For projects located on tribal land.

**Funding Amount:?** 

Matching Funds: No

**Description**: The Department of Energy's Tribal Energy Program promotes Tribal energy sufficiency and fosters employment and economic development on Tribal Lands through financial and technical assistance to Tribes. It is intended that, through these studies, Tribes will obtain sufficient information to make informed decisions about whether to implement conservation measures and/or develop their renewable energy resources. Under this announcement, DOE is soliciting applications for strategic planning, energy options analysis, energy organization development, and human capacity building related to sustainable energy efficiency implementation and/or renewable energy development.

Contact: For questions please see grants.gov or ask through Fedconnection.gov

**Website**: Information on the Tribal Energy Program and previously funded projects is available on the website at www.eere.energy.gov/tribalenergy.

## **Diesel Emission Reduction Act Grants (CFDA 66.039)**

Deadline: June 4, 2012

Agency: U.S. Environmental Protection Agency, Office of Air and Radiation

**Eligibility**: U.S. regional, state, local or tribal agencies/consortia or port authorities with jurisdiction over transportation or air quality. Nonprofit organizations or institutions that: represent or provide pollution reduction or educational services to people or organizations that own or operate diesel fleets; or have, as their principal purpose, the promotion of transportation or air quality

**Funding amount**: Individual grants typically range from \$100,000 - \$300,000 with an average award of \$125,000. Larger individual grants typically range from \$500,000 - \$2 million with an average award of \$650,000.

**Description**: This program aims to work aggressively to reduce the pollution emitted from diesel engines across the country through the implementation of varied control strategies and aggressive involvement of national, state, and local partners.

Website: http://www.epa.gov/cleandiesel/grantfund.htm

# **Energy Efficiency and Conservation Block Grants (CFDA 81.128) Deadline:**

**Agency**: The Office of Weatherization and Intergovernmental Programs of the Office of Energy Efficiency and Renewable Energy (EERE) of the US Department of Energy (DOE)

**Eligibility**: All Federally recognized Indian tribes and any Alaska Native village or regional or village corporation as defined in or established pursuant to the Alaska Native Claims Settlement Act States, Indian tribes, and specified units of local government (cities and counties). Entities eligible for direct formula grants from DOE are 1) cities with a population of at least 35,000 people or that are one of the top ten most populous cities in the state; 2) counties with populations of at least 200,000 or that are one of the top ten most populous counties in the state; 3) Federally-recognized Indian tribes; and 5) states including the District of Columbia and U.S. Territories. Entities eligible for sub grants from states are cities, counties, and Indian tribes ineligible for formula grants from DOE. All entities are eligible for competitive funds.

Funding Amount: Varies

Matching Funds: ?

**Description**: The Energy and Environmental Block Grant program assists local, state and tribal governments in developing and implementing strategies to help the nation meet its energy and climate goals. The purpose of the program is to help eligible entities reduce fossil fuel emissions, reduce the total energy use of eligible entities and improve energy efficiency in the transportation, building, and other sectors. Of the \$3.2 billion in total program funds, \$2.8 billion will be allocated as authorized in Title V, Subtitle E of the Energy Independence and Security Act of 2007. An additional \$400 million will be available in competitive grants.

**Contact**: Submit questions online (http://www.eere.energy.gov/informationcenter/) or by phone (1-877-337-3463)

**Website**: http://apps1.eere.energy.gov/wip/block\_grants.cfm

# REAP Renewable Energy Systems and Energy Efficiency Improvements Grant (CFDA 10.868)

Deadline: Unannounced deadline for 2013

**Agency**: Business and Cooperative Programs

Eligibility: Eligible applicants are agricultural producers and rural small businesses.

Funding amount: Individual awards of up to \$750,000

Matching funds: NA

**Description**: Program seeking applications for the development and construction of renewable energy systems, for energy efficiency improvement projects, for conducting energy audits, for conducting renewable energy development assistance, and for conducting renewable energy system feasibility studies.

Contact: Anthony Ashby, Energy Specialist

Phone: 202-720-0661

Website: www07.grants.gov/search/search.do?&mode=VIEW&oppld=140654

#### DRAFT - NOT FOR DISTRIBUTION

## **Program Year 2012 Weatherization Formula Grants (CFDA 81.042)**

Deadline: Applications due by August 1, 2012

**Agency**: Department of Energy

**Eligibility**: State governments and Native American Tribal governments

Funding amount: Varies

Matching funds: NA

**Description**: Solicits grant applications for the Weatherization Assistance Program for Low-Income Persons for Program Year 2012; establish grant guidance and management information for the Weatherization Assistance; and provide allocations.

**Contact**: Kristin Johnson, kristin.johnson@go.doe.gov

Website: http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=143073

## **ENVIRONMENTAL REGULATORY**

Environmental Justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.



Environmental justice will be achieved when everyone enjoys the same degree of protection from environmental and health hazards and equal access to the decision-making process to have a healthy environment in which to live, learn, and work.<sup>6</sup>

Environmental regulations are necessary to protect the environment and to allow conditions to promote human and ecosystem health. The following grants provide opportunities to fund environmental regulatory measures

for the protection of the environment and the people that it sustains.

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<sup>&</sup>lt;sup>6</sup> http://www.epa.gov/environmentaljustice/

#### Alaska Native Fund

Deadline:

Agency: Alaska Conservation Foundation

**Eligibility**: Alaska Native Tribes, nonprofit organizations (with Alaska Native majority on the Council or Board of Directors) and Alaska Native individuals.

**Funding amount**: Grant range for qualifying Alaska Native organizations: \$10,000-\$20,000; Individuals: up to \$10,000.

Matching funds: No.

**Description**: The Alaska Native Fund's purpose is to 'advance Alaska Native priorities for protecting the land and sustaining our ways of life.' The Fund provides an Indigenous framework for addressing critical environmental issues and promotes innovative strategies to strengthen capacity of Alaska Native organizations and communities. The Fund's goals are:

- 1) Leverage more foundation and donor resources for Native organizations;
- 2) Support Alaska Native strategies and solutions on environmental issues; and
- 3) Build relationships to grow and strengthen conservation in Alaska.

The Fund supports Alaska Native-led projects that incorporate Indigenous and Traditional Knowledge to; address the impacts of climate change, promote sustainable alternatives to extractive industries, ensure food security in the marine environment and draw connections between human and environmental health.

Contact: Polly Carr, Program Officer (907) 276-1917 grants@alaskaconservation.org

Website: http://alaskaconservation.org/grant-opportunities/alaska-native-fund/

## **Indian Environmental General Assistance Program (GAP)**

Deadline: Generally, the announcement is in October and draft proposals are due in December.

Agency: The U.S. Environmental Protection Agency, Region 10, Tribal Trust and Assistance Unit

**Eligibility**: All federally recognized Indian Tribal governments, Including Alaska Native Tribes and authorized Intertribal consortiums.

**Funding amount**: Individual awards of \$75,000-\$125,000. Special project or unmet needs funding when available.

#### Matching funds: NA

(Note: GAP funds may be used to match Americorp funding, thus increasing Tribal opportunity to participate in that program.)

**Description**: GAP's primary purpose is to support the development of elements of a core Tribal environmental protection program. In order to achieve this goal, Tribes, with EPA's assistance, should work to; Identify baseline environmental needs, administer and develop a Tribal environmental program tailored to individual Tribal needs, establish the administrative, legal, technical and enforcement capability for a Tribal environmental program, foster compliance with federal environmental statues by developing appropriate Tribal programs, ordinances, public education and outreach programs, establish a Tribal communications capability to work with Federal, State, Local, Tribal and other environmental officials, establish the Tribal capacity to develop and implement management programs through program-specific assistance. The GAP program is exempt from competition. EPA's goal is provide a clear and stable source of base funding for program development and capacity building across Indian country consistent with the primary statutory purpose of the program.

**Contact**: Check with your program officer or contact the following offices. Alaska Office please call, 1-800-781-0983. In Idaho, Washington and Oregon please contact 1-800-424-4372.

Website: http://yosemite.epa.gov/R10/TRIBAL.NSF/Grants/igap 2013#ei

## Multimedia State and Tribal Assistance Grants (STAG) (CFDA 66.709)

Deadline: Applications generally due in November.

**Agency**: U.S. Environmental Protection Agency, Office of Enforcement and Compliance Assurance, Office of Compliance

**Eligibility**: State agencies, U.S. territories, federally recognized Indian Tribes with enforcement and compliance authorities, the District of Columbia, Intertribal Consortia, state universities and multi-jurisdictional State organizations with enforcement and compliance assurance responsibilities or responsibilities that support enforcement and compliance assurance including but not limited to data management or research, state universities with expertise in compliance assurance and enforcement issues.

Funding amount: Dependent on annual congressional appropriations.

Matching funds: NA

**Description**: State and Tribal Grant funds build and enhance the capacity of states and tribes to carry out compliance assurance activities within their respective jurisdictions. The projects selected cover a wide range of activities that enable states and tribes to demonstrate compliance assurance and enforcement outcomes from their activities while serving as models for other states and tribes. These capacity building activities include training, studies, surveys and investigations.

Contact: Lorna Washington, (202) 564-1386, <u>Washington.lorna@epa.gov</u> or Pam Stanley (202) 564-0538, <u>Stanley.Pam@epa.gov</u>

**Website**: http://www.epa.gov/compliance/state/grants/stag/index.html

# Environmental Regulatory Enhancement (CFDA 93.581)

Deadline:

Agency: Department of Health and Human Services, Administration for Native Americans

**Eligibility**: Eligible applicants include all Federally recognized Indian Tribes; incorporated non-Federally and State recognized Indian Tribes; Alaska Native villages, as defined in the Alaska Native Claims Settlement Act, and/or non-profit village consortia; non-profit Alaska Native Regional Corporations/Associations in Alaska with village specific projects; other Tribal or village organizations or consortia of Indian Tribes; and tribal governing bodies (Indian Reorganization Act or Traditional Councils) as recognized by the Bureau of Indian Affairs.

**Funding amount**: On average, individual awards of \$150,000.

**Matching funds**: Yes, but the requirements are complicated. Please read the funding announcement carefully before beginning the proposal. ANA offers free technical assistance to applicants. The following website has contact information for specific regions: http://www.acf.hhs.gov/programs/ana/tech\_assistance/applicant\_tta.html

**Description**: The Environmental Regulatory Enhancement program provides funding for projects that support the development, enforcement, and monitoring of tribal environmental quality and regulatory programs. This program emphasizes community-based, locally-designed projects that strengthen tribal governments' and organizations' ability to identify, plan, develop, and implement environmental regulatory programs in a manner consistent with their goals and priorities.

Contact: Deborah Burgess, Phone (360) 753-9079, <a href="mailto:burgess.deborah@epa.gov">burgess.deborah@epa.gov</a> Sarah Schappert, (877) 922-9262, <a href="mailto:ana@acf.hhs.gov">ana@acf.hhs.gov</a>

Website: http://www.acf.hhs.gov/programs/ana/

# National Environmental Information Exchange Network Grant Program (CFDA 66.608)

Deadline:

Agency: U.S. Environmental Protection Agency, Office of Environmental Information

**Eligibility**: Federally recognized Indian tribes and native villages and inter-tribal consortia of federally recognized tribes.

Funding amount: Individual awards range from \$50,000 to \$200,000

Matching funds: NA

**Description**: The Exchange Network Grant Program provides funding to tribes, inter-tribal consortia, states and territories to develop and implement the information technology and information management capabilities they need to actively participate in the Exchange Network. It supports the exchange of environmental data and collaborative work within the Exchange Network. Grantees may also use grant funds for the standardization, exchange and integration of geospatial information to support work to preserve and improve the environment, natural resources, and human health.

Contact: Ryan Humrighouse, (202) 566-1680 humrighouse.ryan@epa.gov

Website: http://www.epa.gov/Networkg/

## **ANA Environmental Regulatory Enhancement Program (CFDA**

93.581)

Deadline: Applications due by January 31, 2013

**Agency**: Administration for Native Americans

**Eligibility**: Eligible applicants include Federally recognized Indian Tribes; incorporated non-Federally and State recognized Indian Tribes; Alaska Native villages, as defined in the Alaska Native Claims Settlement Act, and/or non-profit village consortia; non-profit Alaska Native Regional Corporations/Associations in Alaska with village specific projects; other Tribal or village organizations or consortia of Indian Tribes; and tribal governing bodies (Indian Reorganization Act or Traditional Councils) as recognized by the Bureau of Indian Affairs.

Funding amount: Individual awards range from \$100,000 to \$300,000

**Matching funds**: Grantees must provide at least 20 percent of the total approved cost of the project.

**Description**: The Administration for Native Americans (ANA) Environmental Regulatory Enhancement (ERE) program provides funding for projects that support the development, enforcement, and monitoring of tribal environmental quality and regulatory programs. In 1990, NAPA was amended to strengthen tribal government capacity to identify, plan, develop, and implement environmental programs that will bolster regulatory efforts in a manner that is consistent with a Tribe's cultural preservation and natural resource management priorities. Ultimate success in this program will be realized when the applicant's desired level of environmental quality is acquired and maintained.

The Funding Opportunity Announcement (FOA) emphasizes community-based, locally-designed projects that strengthen tribal governments' and organizations' ability to identify, plan, develop, and implement environmental regulatory programs in a manner that is consistent with the goals and priorities of native communities.

Contact: ANA Help Desk

Phone, (877) 922-9262; Email, ana@acf.hhf.gov

Website: <a href="http://www.acf.hhs.gov/programs/ana/">http://www.acf.hhs.gov/programs/ana/</a>

http://www.acf.hhs.gov/grants/open/foa/view/HHS-2011-ACF-ANA-NR-0142

## **HUMAN AND ENVIRONMENTAL HEALTH**

Climate change poses unique challenges to human health. Unlike health threats caused by a particular toxin or disease pathogen, there are many ways that climate change can lead to potentially harmful health effects. There are direct health impacts from heat waves and severe storms, ailments caused or exacerbated by air pollution and airborne allergens, and many climate-sensitive infectious diseases.

Realistically assessing the potential health effects of climate change must include consideration of the capacity to manage new and changing climate conditions. Whether or not increased health risks due to climate change are realized will depend largely on societal responses and underlying vulnerability. The probability of exacerbated health risks due to climate change points to a need to maintain a strong public health infrastructure to help limit future impacts.

Increased risks associated with diseases originating outside the United States must also be considered be- cause we live in an increasingly globalized world. Many poor nations are expected to suffer even greater health consequences from climate change. With global trade and travel, disease flare-ups in any part of the world can potentially reach the United States. In addition, weather and climate extremes such as severe storms and drought can undermine public health infrastructure, further stress environmental resources, destabilize economies, and potentially create security risks both within the United States and internationally.<sup>7</sup>

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<sup>&</sup>lt;sup>7</sup> http://www.globalchange.gov/publications/reports/scientific-assessments/usimpacts/climate-change-impacts-by-sector/human-health

## **Community Environmental Demonstration Projects Program (CFDA 66.034)**

Deadline: Unannounced deadline for 2013

**Agency**: Zender Environmental Health and Research Group, Alaska Native Tribal Health Consortium (ANTHC). Grant funded through EPA's Tribal Multimedia grant program.

**Eligibility**: States, local governments, Tribes, tribal consortia, territories, universities, colleges, hospitals, laboratories and non-profit organizations not designated as a 501(c)(4) that lobbies.

Funding amount: Individual project funding from \$5,000 to \$30,000

Matching funds: NA

**Description**: Zender Environmental is working with the Alaska Native Tribal Health Consortium to provide one year Community Environmental Demonstration Grants ranging from \$5,000 to \$30,000 for local environmental projects that improve health and the environment throughout rural Alaska communities. Funding is made possible through the U.S. Environmental Protection Agency Alaska Tribal Multi-media Program.

**Contact**: Desirae Roehl, Alaska Native Tribal Health Consortium, 907-729-3496 droehl@anthc.org

Lina Taneva, Zender Environmental Health and Research Group, 907-444-1197 <a href="mailto:ltmetale.com/ltmeta

Website: <a href="http://www.zendergroup.org/cedp.html">http://www.zendergroup.org/cedp.html</a>

http://www.anthc.org/chs/ces/hve/community-environmental-demonstration-grants.cfm

## Oceans, Great Lakes and Human Health (CFDA 93.113)

Deadline: Unannounced deadline for 2013

Agency: National Institutes of Health (NIH)

**Eligibility**: All tribal governments, both federally and non federally recognized, Native American Tribal Organizations (other than Federally recognized tribal governments), Faithbased or Community-based Organizations, Regional Organizations, Tribally Controlled Colleges and Universities, Alaska Native and Native Hawaiian Serving Institutions, Nonprofits with or without 501(c)(3) IRS Status (Other than Institutions of Higher Education), For-Profit Organizations.

Funding amount: requests of up to \$400,000

Matching funds: NA

**Description**: The purpose of Oceans, Great Lakes and Human Health is to provide linkages between members of the ocean sciences and biomedical communities in order to support interdisciplinary research in areas where improved understanding of marine processes and systems has potential to reduce public health risks. This FOA will solicit grant applications that address marine or Great Lakes harmful algal bloom research, marine or Great Lakes pollution, including aspects of global climate change that influence ocean or Great Lakes related human health outcomes.

Contact: 301-435-0714, GrantsInfo@nih.gov

Website: http://www.niehs.nih.gov/funding/grants/announcements/request/index.cfm

## **Centers for Oceans and Human Health**

Deadline: Varies per Grant

Agency: National Institutes of Health (NIH)

**Eligibility**: All tribal governments, both federally and non federally recognized, Native American Tribal Organizations (other than Federally recognized tribal governments), Faithbased or Community-based Organizations, Regional Organizations, Tribally Controlled Colleges and Universities (TCCUs), Alaska Native and Native Hawaiian Serving Institutions, Nonprofits with or without 501(c)(3) IRS Status (Other than Institutions of Higher Education), For-Profit Organizations.

Funding amount: Individual awards up to \$900,000

Matching funds: NA

**Description**: The purpose of Centers for Oceans and Human Health (COHH) is to provide linkages between members of the ocean sciences and biomedical communities in order to support interdisciplinary research in areas where improved understanding of marine processes and systems has potential to reduce public health risks. This FOA will solicit grant applications that address harmful algal bloom (HAB) research, marine pollution including assessment of chemical toxicants of long-term chronic exposures versus acute exposures; aspects of global climate change that influence ocean related human health outcomes; and development of statistical and bioinformatics tools to link developed oceanographic models with less well developed human health exposure and disease models.

## Website:

See NIH website for applicable grants:

http://www.niehs.nih.gov/funding/grants/announcements/request/index.cfm or check grants.gov

Climate Change and Health: Assessing and Modeling Population Vulnerability to Climate Change (R21) (CFDA 93.113, 93.307, 93.399, 93.865, 93.866, 93.879, 93.989, 93.286, 93.837, 93.838)

Deadline: Applications due May 24, 2012

Agency: National Institutes of Health (NIH)

**Eligibility**: Tribally Controlled Colleges and Universities (TCCUs), Alaska Native and Native Hawaiian Serving Institutions, Indian/Native American Tribal Governments (Federally Recognized, Indian/Native American Tribally Designated Organizations, Indian/Native American Tribal Governments (Other than Federally Recognized)

Funding amount: Up to \$200,000

Matching funds: NA

**Description**: This FOA encourages research applications to examine the differential risk factors of populations that lead to or are associated with increased vulnerability to exposures, diseases and other adverse health outcomes related to climate change.

**Contact**: The grant is an interagency supported grant, please see document for detailed contact information

### Website:

 $\frac{http://www.grants.gov/search/search.do;jsessionid=dFhHPLhV7bsY3vhYHgFSzdvvDmFv6hb021}{Y8Bg00r1MBfCJn7Lh4!1869518295?oppId=56026\&mode=VIEW}$ 

## Community-based Marine Debris Removal (CFDA 11.463)

Deadline: Unannounced deadline for FY 2013

**Agency**: National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce- CFDA: 11.463, Habitat Conservation

Eligibility: All Indian tribal governments, tribal colleges and universities.

Funding amount: \$15,000 to \$150,000.

Matching funds: NA

**Description**: The NOAA Marine Debris Program provides funding to catalyze the implementation of locally driven, community-based marine debris prevention, assessment, and removal projects that will benefit coastal habitat, waterways, and NOAA trust resources. Funding for this purpose comes through the NOAA Marine Debris Program as appropriations to the Office of Response and Restoration, National Ocean Service. The funding is, in part, administered through a grant competition with the NOAA Restoration Center's Community-based Restoration Program. Projects awarded through this grant competition have strong onthe-ground habitat components involving the removal of marine debris and derelict fishing gear, as well as activities that provide social benefits for people and their communities in addition to long-term ecological habitat improvements for NOAA trust resources.

Contact: Tom Barry, 301-427-8653, Tom.Barry@noaa.gov

**Website**: http://marinedebris.noaa.gov/funding/welcome.html;

# Measurements and Modeling for Quantifying Air Quality and Climatic Impacts of Residential Biomass or Coal Combustion for Cooking, Heating, and Lighting (CFDA 66.509)

Deadline: Application due by June 19, 2012

**Agency**: U.S. Environmental Protection Agency

**Eligibility**: Public nonprofit institutions/organizations (includes public institutions of higher education and hospitals) and private nonprofit institutions/organizations (includes private institutions of higher education and hospitals) located in the U.S., state and local governments, Federally Recognized Indian Tribal Governments, and U.S. territories or possessions are eligible to apply.

**Funding amount**: Up to a total of \$1.5 million for regular awards and \$250,000 for early career awards, including direct and indirect costs, with a maximum duration of 3 years.

Matching funds: NA

**Description**: The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications proposing research on quantifying, via field measurements and modeling, the improvements in climate and ambient and indoor air quality, and the subsequent impacts on health and welfare, resulting from ongoing, planned, or potential interventions in cooking, heating, or lighting practices. This research should focus on communities in the developing world and on Indian tribes and Alaska Native groups.

Contact: James Gentry, phone: 703-347-8093 gentry.james@epa.gov

Website: http://www.epa.gov/ncer/rfa/2012/2012 star cook heat light.html#Eligibility

## **Brownfield Grant Program (CFDA 66.818)**

Deadline: Unannounced deadline for FY 2012

**Agency**: U.S. Environmental Protection Agency

**Eligibility**: Federally recognized tribes are eligible for all Brownfield grants. Alaskan tribes are not eligible for direct funding.

Funding Amount: Varies

Matching Funds: ?

**Description**: The goal of the program is to "Empower states, communities and other stakeholders to work together in a timely manner to prevent, assess, safely cleanup and sustainably reuse "brownfields". Brownfields include property that has development limitations based on contamination by a controlled substance. This program funds environmental assessment, clean up and training jobs activities.

**Website**: http://yosemite.epa.gov/R10/cleanup.nsf/sites/bf http://www.epa.gov/swerosps/bf/proposal\_guides/FY12\_FAQs.pdf

## Science to Achieve Research (STAR) Program

Deadline: Expected to be announced in summer 2012

**Agency:** U.S. Environmental Protection Agency

**Eligibility:** public non-profit institutions/organizations (includes public institutions of higher education and hospitals) and private nonprofit institutions/organizations (includes private institutions of higher education and hospitals) located in the U.S., state and local governments, Federally Recognized Indian Tribal Governments, and U.S. territories or possessions.

Funding amount: Varies

Matching funds: ?

**Description:** NCER's Science to Achieve Results or STAR program funds research grants and graduate fellowships in numerous environmental science and engineering disciplines through a competitive solicitation process and independent peer review. At present, these centers focus on children's health, hazardous substances, particulate matter, and estuarine and coastal monitoring.

**Contact:** Cynthia McOliver, Ph.D., MPH Env Health Scientist & Project Officer US Environmental Protection Agency (EPA) 1200 Pennsylvania Ave NW (MC-8723P) McOliver.Cynthia@epamail.epa.gov

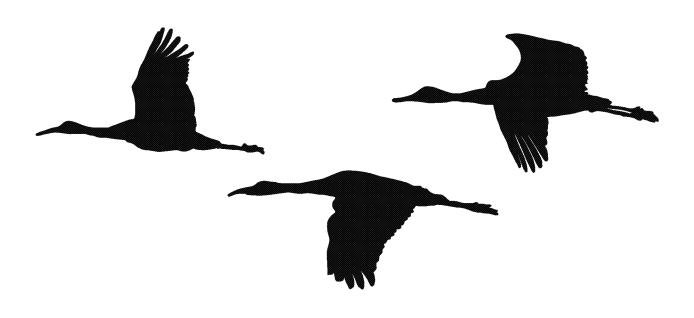
**Website**: http://www.epa.gov/ncer/rfa/

## LAND AND COASTAL GRANTS

Global sea level has already risen due to the warming-induced expansion of the oceans, accelerated melting of most of the world's glaciers, and loss of ice on the Greenland and Antarctic ice sheets. Sea level is currently rising at an increased rate. A warming climate will cause further sea-level rise over this century and beyond. Rising sea level is already eroding shorelines, drowning wetlands, and threatening homes, businesses, and infrastructure.

The destructive potential of Atlantic hurricanes has increased in recent decades in association with increasing sea surface temperatures. In future decades, it is likely that hurricane rainfall and wind speeds will increase in response to global warming.

Coastal water temperatures have risen and the distributions of marine species have shifted. Ocean acidification resulting from the uptake of carbon dioxide by ocean waters threatens corals, shellfish, and other living things that form their shells and skeletons from calcium carbonate. These and other forces converge and interact at the coasts, making these areas particularly sensitive to the impacts of climate change.<sup>8</sup>



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<sup>&</sup>lt;sup>8</sup> http://www.globalchange.gov/publications/reports/scientific-assessments/us-impacts/regional-climate-change-impacts/coasts

## Community Development Block Grant Program for Indian Tribes and Alaska Native Villages (ICDBG) (CFDA numbers: 14.862)

Deadline: Unannounced deadline for 2012

**Agency**: U.S. Department of Housing and Urban Development (HUD), Office of the Assistant Secretary for Public and Indian Housing

**Eligibility**: Any Indian tribe, band, group, nation, or tribal organization, including Alaska Indians, Aleuts, and Eskimos, and any Alaska Native village that is eligible for assistance under the Indian Self-Determination and Education Assistance Act or which had been eligible under the State and Local Fiscal Assistance Act of 1972.

Funding amount: Varies.

Matching funds: No

**Description**: The purpose of the ICDBG program is the development of viable Indian and Alaska Native communities, including the creation of decent housing, suitable living environments, and economic opportunities primarily for persons with low- and moderate- incomes as defined in 24 CFR 1003.4.

Contact: Roberta Youmans, Grants Management Specialist 202-402-3316

#### Website:

http://portal.hud.gov/hudportal/HUD?src=/program offices/administration/grants/fundsavail/nofa12/2012ICDBG

#### DRAFT - NOT FOR DISTRIBUTION

## **Coastal Zone Enhancement Program**

Deadline: Unannounced deadline for 2012

**Agency**: National Oceanic and Atmospheric Administration

Eligibility: See website for details.

Funding amount: varies

Matching funds: ?

**Description**: The voluntary Coastal Zone Enhancement Grants program encourages state and territory coastal management programs to develop program changes, or enhancements, to their Federally approved coastal management programs in one or more of nine enhancement areas: wetlands, coastal hazards, public access, marine debris, cumulative and secondary impacts, special area management plans, ocean/Great Lakes resources, energy and government facility citing, and aquaculture.

**Contact**: John R. King, (301) 71303155 x 188, <u>john.king@noaa.gov</u>

Website: http://coastalmanagement.noaa.gov/backmatter/media/guidancefy11309.pdf

http://coastalmanagement.noaa.gov/enhanc.html

## FY 2012 Coastal Resilience Networks (CDFA 11.473)

Deadline: Unannounced deadline for 2013

**Agency**: Department of Commerce

**Eligibility**: Eligible funding applicants are, regional authorities, nonprofit organizations, institutions of higher education, Indian Tribal governments, and state, territorial, and county/local governments conducting projects in one or more of the following three U.S. regions; the U.S. Flag Pacific Islands (Hawaii, American Samoa, Guam, Commonwealth of the Northern Mariana Islands), Gulf of Mexico Coast (Alabama, Gulf Coast of Florida, Louisiana, Mississippi, and Texas) and West Coast (California, Oregon, Washington).

Funding amount: Individual awards of up to \$100,000

Matching funds: NA

**Description**: The purpose of this notice is to solicit grant proposals from eligible organizations to implement activities that enhance resilience of coastal communities to natural hazard and climate risks through a regional or national network. Proposals must leverage, enhance, or create a system in which one or more coastal hazard issues can be addressed through partnerships to improve coordination and collaboration throughout the region. Partnerships must include multiple institutions, disciplines, and sectors at the local, state, and federal level. Proposals submitted in response to this announcement should provide beneficial public outcomes for coastal communities to address existing and potential future climate and hazard risks to coastal infrastructure, local economies, vulnerable populations, and the natural environment.

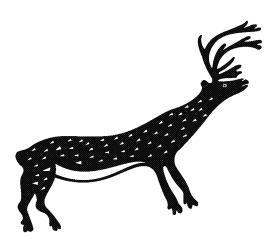
Website: www07.grants.gov/search/search.do?&mode=VIEW&oppld=152213

## **NATURAL RESOURCES AND WILDLIFE**

The natural functioning of the environment provides both goods—such as food and other products—and services, which society depends upon. For example, ecosystems store large amounts of carbon in plants and soils, they regulate water flow and water quality, and they stabilize local climates. These services are not assigned a financial value, but society nonetheless depends on them. Indigenous populations are particularly dependent upon the land as many traditional practices depend upon cultural resources specific to a particular area.

Ecosystem processes are the underpinning of these services: photosynthesis, the process by which plants capture carbon dioxide from the atmosphere and create new growth; the plant and soil processes that recycle nutrients from decomposing matter and maintain soil fertility; and the processes by which plants draw water from soils and return water to the atmosphere. These ecosystem processes are affected by climate and by the concentration of carbon dioxide in the atmosphere.

The diversity of living things (biodiversity) in ecosystems is itself an important resource that maintains the ability of these systems to provide the services upon which society depends. Many factors affect biodiversity including: climatic conditions; the influences of competitors, predators, parasites, and diseases; disturbances such as fire; and other physical factors. Humaninduced climate change, in conjunction with other stresses, is exerting major influences on natural environments and biodiversity, and these influences are generally expected to grow with increased warming. <sup>9</sup>



<sup>&</sup>lt;sup>9</sup> http://www.globalchange.gov/publications/reports/scientific-assessments/us-impacts/climate-change-impacts-by-sector/ecosystems

## **Marine Mammal Commission Grants**

Deadline: May be submitted at any time

Agency: Department of Commerce

**Eligibility**: State governments and quasi-public nonprofit institutions or organizations. U.S. Marine Mammal Stranding Network participants, including state and local governments, academia, aquaria, non-profits, private individuals and organizations. Eligibility may vary under programs announced in the Federal Register.

**Funding amount**: The amount of funds available varies from year to year, depending on the level of congressional appropriations. Since it was established in 1972, the Commission has supported more than 1,000 projects.

## Matching funds: ?

**Description**: The Marine Mammal Commission carries out a small research program that supports projects aimed at meeting the conservation and protection goals of the Marine Mammal Protection Act. The Commission's research program includes all relevant activities including basic and applied research, workshops, literature reviews, compilation of expert opinion, and drafting manuscripts.

The Commission encourages the submission of proposals for innovative and well-designed projects that address important conservation issues for marine mammals or marine ecosystems but that may be unlikely to obtain funding through traditional research agencies. On occasion, the Commission provides start-up or seed money for promising research projects that, once proven feasible, may be supported later by other federal agencies. The Commission encourages applicants to obtain additional support by collaborating with, or soliciting funds from, other institutions, organizations, or agencies. The research program awards grants based on proposals submitted in response to general Requests for Proposals (RFPs), unsolicited proposals, and specific research topics identified by the Commission.

**Unsolicited Proposals**: Proposals on topics relevant to marine mammal science or conservation may be submitted at any time. However, at this time the Marine Mammal Commission cannot commit funding for any proposals because of the current fiscal situation. The Commission is not likely to review unsolicited proposals for funding before May 2012, and it may not have sufficient funding to review and consider any proposals during the entire year. Any changes in current plans will be posted on this page. Applicants are welcome to submit proposals, which the Commission will hold for the next review. For information on proposal format, see <a href="http://mmc.gov/research/funding.shtml">http://mmc.gov/research/funding.shtml</a>.

**Contact**: Samantha Simmons, Ph.D., Assistant Scientific Program Director, by e-mail (<u>ssimmons@mmc.gov</u>) or telephone (301-504-0087). Contact before developing a full, formal proposal.

## Bring Back the Natives- A Public-Private Partnership for Restoring, Protecting, and Enhancing Populations of Native Aquatic Species.

Deadline: Unannounced deadline for 2013

**Agency**: The National Fish and Wildlife Foundation, U.S. Fish and Wildlife Service, Bureau of Land Management, U.S.D.A. Forest Service and Trout Unlimited.

**Eligibility**: Nonprofit organizations, universities, Native American tribes, and local, state, and federal agencies.

**Funding amount**: Average individual awards are about \$50,000 each.

Matching funds: Suggested 2:1 non-federal match

**Description**: Bring Back the Natives funds on-the-ground efforts to restore, protect, and enhance native aquatic species to their historic range. Projects should involve partnerships between communities, agencies, private landowners, and organizations and should focus on habitat needs of species such as fish, invertebrates, and amphibians. The end result is on-the-ground restoration, in-stream improvements, and growing partnerships for the benefit of aquatic systems and their native species in the nation's watersheds.

Funding can support direct project-related salaries, contractual services and materials needed for on-the-ground restoration, protection, and enhancement.

Contact: Cara Rose, (503) 417-8700 x 6008 cara.rose@nfwf.org

#### Website:

http://www.nfwf.org/AM/Template.cfm?Section=home&CONTENTID=22151&TEMPLATE=/CM/ContentDisplay.cfm

## NOAA Coastal and Marine Habitat Restoration National and Regional Partnership Grants (CFDA Number 11.463)

Deadline: Next announcement expected fall of 2012

**Agency**: National Marine Fisheries Service, National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

**Eligibility**: Institutions of higher education, including tribal colleges, non-profits, commercial (for profit) organizations, U.S. Territories, and state, local and Indian tribal governments. Most tribal governments with some level of centralized government are eligible.

**Funding amount**: Approximately \$10 million available annually. Individual awards will range from \$500,000 to \$1,000,000 per year.

Matching funds: Suggested 1:1 non-federal match

**Description**: The principal objective of these NOAA Coastal and Marine Habitat Restoration National and Regional Partnership Grants is to provide Federal financial and technical assistance to organizations that have the capacity and expertise to identify, evaluate, fund, and administer coastal and marine habitat projects to restore marine and coastal habitats. NOAA will emphasize applications that support a wide range of individual habitat restoration projects, from locally driven grass-roots projects that emphasize stewardship and hands-on restoration, to mid-scale, watershed level projects that yield significant ecological and socio-economic benefits.

Contact: Melanie Grange, 301-713-0174 x158 Melanie.Grange@noaa.gov

**Website**: http://www.habitat.noaa.gov/funding/partnerships.html

## Pacific Coastal Salmon Recovery Fund (CFDA 11.438)

Deadline: Unannounced deadline for 2013

**Agency**: National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce

**Eligibility**: States of Alaska, Washington, Oregon, Idaho, California and Nevada, and Federally recognized tribes and tribal commissions of the Columbia River and Pacific Coast.

**Funding amount**: Individual awards are up to \$30,000,000.

**Matching funds**: State applicants are required to match or document in-kind contributions of at least 33% of received Federal funds. Indian tribes are exempt from cost share requirement.

**Description**: The Pacific Coast Salmon Recovery Fund (PCSRF) was established to address the need to protect, restore and conserve Pacific chinook, chum, coho, pink and sockeye salmon and steelhead, and their habitat. The PCSRF supplements existing state, tribal and federal programs to foster development of federal-state-tribal-local partnerships in salmon recovery and conservation by providing grants to the eligible states, tribal commissions, and tribes.

**Contact**: Scott Rumsey, NMFS Northwest Region PCSRF Program Coordinator at (503) 872-2791. Questions regarding this announcement should be directed to Ms. Hill at (206) 526-4358 or Nicolle.Hill@noaa.gov

Website: http://www.nwr.noaa.gov/salmon-recovery-planning/pcsrf/

## NOAA Coastal and Marine Habitat Restoration National and Regional Partnership Grants (CFDA 11.463)

Deadline: Unannounced deadline for FY 2013

**Agency**: National Marine Fisheries Service (NOAA Fisheries), National Oceanic and Atmospheric Administration, Department of Commerce

**Eligibility**: of higher education, non-profits, commercial (for profit) organizations, U.S. Territories, and state, local and Indian tribal governments, tribal colleges and universities,

Funding amount: Varies

**Description**: NOAA delivers funding and technical expertise to restore coastal and marine habitats to support valuable fisheries and protected resources, improve the quality of our water, provide recreational opportunities for the public's use and enjoyment and buffer our coastal communities from the impacts of storms and sea level rise.

Contact: Melanie Gange 301-427-8664 (direct), 301-713-0174 (main line)

Website: http://www.habitat.noaa.gov/funding/partnerships.html

## **Species Recovery Grants to Tribes (CFDA 11.472)**

Deadline: Unannounced for 2012

**Agency**: National Marine Fisheries Service, National Oceanic and Atmospheric Administration, Department of Commerce

**Eligibility**: Federally recognized tribes defined under the Federally Recognized Indian Tribe List Act (Public Law 103-454) or presidential executive order.

**Funding amount**: Individual awards are an average of \$200,000.

Matching funds: None required

**Description**: The National Marine Fisheries Service (NMFS) recognizes the unique importance of many protected species to tribes and values ongoing efforts by tribal nations to conserve and protect species under NMFS jurisdiction.

This grant supports conservation of endangered, threatened, and candidate or proposed species, as well as post-delisting monitoring of recovered species. Funded activities may include the development and implementation of management plans, scientific research, and public education and outreach.

This application has very specific requirements please see RFP for specific information.

**Contact**: For general information please contact:

Sean Ledwin Sean.Ledwin@noaa.gov or either regional office representatives below.

### **Northwest Regional Office:**

Alison Agness, Alison.Agness@noaa.gov, 206-526-6152

## Alaska Regional Office:

Barbara Mahoney, Barbara.Mahoney@noaa.gov, 907-271-3448

**Website**: http://www.nmfs.noaa.gov/pr/conservation/tribes.htm

## Alaska Native Co-Management Funding Program, ANCFP (CFDA 11.439)

Deadline: Unannounced deadline for 2012

**Agency**: National Marine Fisheries Service, National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

**Eligibility**: Tribally Authorized Alaska Native Organizations with a signed Agreement for comanagement with are eligible to apply under this solicitation.

Funding amount: Varies

Matching funds: ?

**Description**: The National Marine Fisheries Service's (NMFS) recognizes the unique importance of marine mammals to Alaska Native Organizations and values ongoing efforts by Alaska Native Tribes and Organizations to conserve and protect species under NMFS' jurisdiction. Funding Pursuant to 16 U.S.C. 1388, NMFS may provide Federal assistance to Alaska Native Organizations to conserve marine mammals, and to promote co-management of Alaska Native subsistence use of such mammals under NOAA's jurisdiction. Funded activities may include development and implementation of species management, subsistence harvest monitoring, subsistence harvest sampling, scientific research, and public education and outreach.

Contact: Jenn.Hall-Brown@noaa.gov, 907-586-7273

Website: <a href="http://www.fakr.noaa.gov/protectedresources/comanagement.html">http://www.fakr.noaa.gov/protectedresources/comanagement.html</a>

## **Tribal Wildlife Grant Program**

Deadline: Unannounced deadline for FY 2013

Agency: Fish and Wildlife Service

**Eligibility**: Federally recognized tribal governments listed in the Federal Register / Vol. 75, No. 190 / Friday, October 1, 2010. Tribal organizations and other entities may participate as subgrantees or contractors to federally recognized Tribes. This information is available at http://www.fws.gov/nativeamerican/under the heading Directory of Tribes.

Funding amount: Varies.

**Matching funds**: Matching funds and partnerships are not required. However, projects that include matching funds, in-kind contributions, or partnerships may score higher in the ranking process.

**Description**: Tribal Wildlife Grants are used to provide technical and financial assistance to Tribes for the development and implementation of programs that benefit fish and wildlife resources and their habitat. Activities may include, but are not limited to, planning for wildlife and habitat conservation, fish and wildlife conservation and management actions, fish and wildlife related laboratory and field research, natural history studies, habitat mapping, field surveys and population monitoring, habitat preservation, conservation easements, and public education that is relevant to the project. The funds may be used for salaries, equipment, consultant services, subcontracts, acquisitions and travel.

Contact: Office of the Native American Liaison Pat Durham, (703) 358-1728 pat durham@fws.gov.

**Website**: http://wsfrprograms.fws.gov/subpages/grantprograms/TWG/TWG.htm http://www.fws.gov/nativeamerican/grants.html

## Partners for Fish and Wildlife 2012 (CFDA 15.631)

Deadline: Applications due September 28, 2012

**Agency**: Fish and Wildlife Service

**Eligibility**: Eligible applicants include Native American tribal governments (Federally recognized), Native American tribal organizations (other than Federally recognized tribal governments), 501(c)(3) nonprofits, nonprofits that do not have a 501(c)(3) status with the IRS, private institutions of higher education, individuals, for profit organizations, and small businesses.

Funding Amount: Individual awards of up to \$50,000

Matching Funds: NA

**Description**: The Partners for Fish and Wildlife is a voluntary habitat conservation program that provides technical and financial assistance to private landowners for habitat restoration projects that benefit Federal trust species.

Contact: Michael Murray, 703-358-2031

#### Website:

http://www.grants.gov/search/search.do;jsessionid=z4gqPRcX9N2S4HL205rLJm897vVR8JyhyVvpJbTpvTzgnY6X6nyC!1368593367?oppId=137933&mode=VIEW

## **Recovery Implementation Fund (CFDA 15.657)**

Deadline: Applications are due by July 31, 2012.

However, you may submit applications throughout the year. Consideration of applications ultimately will be based on the FWS budget cycle.

Agency: U.S. Fish and Wildlife Service

**Eligibility**: Unrestricted. Applicants must have a demonstrated knowledge and understanding of the biology of the involved endangered or threatened species in the United States and their ecosystem, including preferably having worked with the species in the field and holding a currently valid Endangered Species Act permit, issued by the FWS, authorizing them to work with these species (or that have previously held a permit to do so). If funding is awarded, applicants that do not currently hold a valid permit for the proposed activity may need to apply for and obtain a permit before beginning the proposed activity.

Funding amount: Varies

Matching funds: NA

**Description**: This opportunity provides funds to accomplish high priority recovery tasks for high priority, FWS-managed, endangered and threatened species in the US such that known threats to the species may be reduced or eliminated. It is limited to projects carrying out actions described in a species' approved recovery plan, in the implementation schedule of a species' approved recovery plan, actions recommended in a completed 5-year status review of the species or in a spotlight species action plan, or projects documenting species' response to climate change.

Contact: Kelly Niland, Grants Manager, 703-358-2492 Kelly Niland@fws.gov

Website: http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=143673

## **National Forest Foundation's Matching Awards Program**

Deadline: Applications due July 2, 2012

**Agency**: U.S. Forest Service

**Eligibility**: Applications will be considered from non-federal partners, community-based organizations, Native American tribes and 501(c)(3) nonprofit organizations implementing action-oriented on-the-ground conservation and citizen-based monitoring projects on or around National Forests or Grasslands.

Funding amount: Varies

Matching funds: 1:1 Cash match of federal funds

**Description**: The NFF is currently soliciting proposals for its Matching Awards Program (MAP), a grant program that provides matching funds for direct on-the-ground and citizen-based monitoring projects benefiting America's National Forests and Grasslands. MAP funds can be used to support conservation and restoration projects benefiting wildlife habitat, recreation, watershed health, and community-based forestry. By pairing federal funds—provided through a cooperative agreement with the U.S. Forest Service—with non-federal dollars raised by award recipients, the resources available to nonprofit partners to implement projects are effectively doubled.

Contact: Adam Liljeblad, Director of Conservation Awards, (406) 830-3357.

Website: http://nationalforests.org/conserve/grantprograms/ontheground/map/application

## Community Forest and Open Space Conservation Program (CFDA 10.689)

Deadline: Applications are due by May 15, 2012 and June 14, 2012

For State Forester or equivalent official of the Indian tribe submitting the applications to the Forest Service.

Agency: U.S. Department of Agriculture Forest Service

**Eligibility**: Eligible local governments are any municipal government, county government, or other local government with jurisdiction over local land use decisions. Eligible Indian Tribes are federally recognized Indian tribes and Alaska Native Corporations.

Funding amount: Individual awards of up to \$400,000

Matching funds: 1:1 match required.

**Description**: The Community Forest Program is a grant program that authorizes the Forest Service to provide financial assistance to local governments, Tribal governments, and qualified nonprofit entities to establish community forests that provide continuing and accessible community benefits.

Contact: Maya Solomon, Program Coordinator, 202-205-1376

#### Website:

http://www.grants.gov/search/search.do;jsessionid=mpvYPVMXd02Y3QlycXnyKSTmDBLyQXwprXczplcpQ4DVHk2tNJtk!-2099600874?oppId=143953&mode=VIEW

## <u>Great Plains Landscape Conservation Cooperative: Prairie Fish Science Research</u> - Fiscal Year 2012 (CFDA 15.669)

Deadline: Unannounced deadline for 2013

Agency: Department of the Interior, U.S. Fish and Wildlife Service

Eligibility: No eligibility restrictions; tribes and tribal organizations are eligible.

Funding amount: Varies

Matching funds: ?

**Description**: Funding projects addressing the alteration and fragmentation of watersheds and physical aquatic habitats. Priority fish species include the Arkansas River shiner, Arkansas darter, Topeka shiner, Pallid sturgeon, Shovelnose sturgeon, and paddlefish.

Contact: James Broska, GPLCC Science Coordinator, 505-248-6279

Website: http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=160953

## **WATER AND WASTE MANAGEMENT**

Climate change has already altered, and will continue to alter, the water cycle, affecting where, when, and how much water is available for all uses

Changes in the water cycle, which are consistent with the warming observed over the past several decades, include:

- Changes in precipitation patterns and intensity
- Changes in the incidence of drought
- Widespread melting of snow and ice
- Increasing atmospheric water vapor
- Increasing evaporation
- Increasing water temperatures
- Reductions in lake and river ice
- Changes in soil moisture and runoff



For the future, marked regional differences are projected, with increases in annual precipitation, runoff, and soil moisture in much of the Midwest and Northeast, and declines in much of the West, especially the Southwest.

Climate change impacts include too little water in some places, too much water in other places, and degraded water quality. Some locations will be subject to all of these conditions during different times of the year. Water cycle changes are expected to continue and will adversely affect energy production and use, human health, transportation, agriculture, and ecosystems. Climate change will place additional burdens on already stressed water systems. The past century is no longer a reasonable guide to the future for water management.<sup>10</sup>

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<sup>&</sup>lt;sup>10</sup> http://www.globalchange.gov/publications/reports/scientific-assessments/usimpacts/climate-change-impacts-by-sector/water-resources

## Native American Affairs Office Technical Assistance Program

Deadline: Unannounced deadline for 2013

**Agency**: Department of the Interior, Bureau of Reclamation

**Eligibility**: Federally recognized tribes, institutions of higher education, Indian organizations, and Tribal organizations in the continental United States. Does not include Alaska.

Funding amount: Up to \$100,000 per agreement.

Matching funds: Negotiated.

**Description**: The Native American Affairs Office Technical Assistance Program (is designed to assist Federally recognized Indian Tribes to develop, manage and protect their water related resources. Potential funded projects could include assisting Tribes to better understand their water related needs; developing water resources, including rural water supplies on Indian reservations, through traditional and innovative technologies; and entering into partnerships with educational institutions for the training of Indian students in areas of water resources management.

The activities eligible for this award are very specific. Please contact a Tribal Assistance Program representative to determine if your proposed project is eligible before developing an application.

**Contact**: Corey Carmack, Yakima area, <a href="mailto:ccarmack@usbr.gov">ccarmack@usbr.gov</a>, (509)575-5848 (ext. 210), Tino Tafoya, Special Assistant Pacific Northwest Region, ctafoya@usbr.gov, 208-378-5008 (also contact for the Snake river area)

Website: http://www.usbr.gov/native/naao/techasst/index.html

## <u>WaterSMART (Sustaining and Manage America's Resources for Tomorrow):</u> <u>Water and Energy Efficiency Grants (CFDA Number 15.507)</u>

Deadline: Unannounced deadline for 2013

Agency: Bureau of Reclamation - Denver Office

**Eligibility**: State, Indian tribe, irrigation district, water district, or other organization with water or power delivery authority. Must be located in Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, Wyoming, American Samoa, Guam, the Northern Mariana Islands, and the Virgin Islands.

Funding amount: Varies

Matching funds: Yes, 50 percent non-federal cost share.

**Description**: The WaterSMART Program focuses on improving water conservation, sustainability and helping water resource managers make decisions about water use. Potential proposals should seek to conserve and use water more efficiently, increase the use of renewable energy and improve energy efficiency, benefit endangered and threatened species, facilitate water markets, or carry out activities to address climate-related impacts on water or prevent any water-related crisis or conflict.

Contact: Michelle Maher, Phone 303-445-2025, mmaher@usbr.gov

Website: http://www.usbr.gov/WaterSMART/grants.html

## **Solid Waste Management Grant Programs (CFDA 10.762)**

Application dates: Applications accepted from October 1 through December 31 of each calendar year.

Agency: United States Department of Agriculture (USDA), Rural Development

**Eligibility**: Federally acknowledged or State recognized Native American tribe or group with some experience with solid waste management.

**Funding amount**: Individual funds vary between projects, total amount dependent on Congressional appropriations.

Matching funds: None required.

**Description**: The Solid Waste Management Grant Program assists communities through free technical assistance and/or training provided by the grant recipients. Qualified organizations will receive SWM grant funds to reduce or eliminate pollution of water resources in rural areas, and improve planning and management of solid waste sites in rural areas.

**Contacts**: The Water and Environmental Programs (WEP) Office, Telephone: 202-720-9589, Fax: 202-690-0649, water@wdc.usda.gov

**Website**: http://www.rurdev.usda.gov/UWP-solidwastemanagement.htm. Application guide available at http://www.usda.gov/rus/water/SWMG.htm

## **Tribal Solid Waste Management Assistance Project**

Deadline: Unannounced deadline for 2012

**Agency**: The Tribal Solid Waste Workgroup members include representatives from the U.S. Environmental Protection Agency; the U.S. Department of the Interior, Bureau of Indian Affairs; the U.S. Department of Health and Human Services, Indian Health Service; the U.S. Department of Agriculture, Rural Development; and the U.S. Department of Defense.

**Eligibility**: Federally recognized tribes and intertribal consortia. Non-profits are eligible, forprofits are *not* eligible.

**Funding amount**: 10 Individual awards ranging from \$10,000 to \$500,000.

Matching funds: None required

**Description**: The Tribal Solid Waste Interagency Workgroup was created to coordinate federal assistance to tribes to help them comply with the municipal solid waste landfill regulations. Successful proposals should characterize/assess open dumps, develop integrated waste management (IWM) plans, develop and implement alternative solid waste management activities/facilities; or develop and implement cleanup, closure, and post-closure programs for open dumps in Indian Country. Each proposal must address only one of the four proposal categories described above. Applicants interested in applying for more than one category may do so as long as each proposal is for only one category and each proposal must be separately submitted.

**Contacts**: Tonya Hawkins, EPA, (703) 308-8278. Pamela Snyder-Osmun; BIA (703) 390-6341; Steve Aoyama IHS (301) 443-1046; Joyce Taylor, USDA (202) 720-0499 Terri Kelly, DOD (703) 604-1926

Website: http://www.grants.gov/search/search.do?mode=VIEW&oppId=98439

## **Rural Development Emergency Community Water Assistance Grants**

Deadline: Applications are accepted continuously

Agency: U.S. Department of Agriculture, USDA Water and Environmental Programs

**Eligibility**: Grants may be made to public bodies, non-profit corporations and Indian tribes serving rural areas with a population less than 10,000 and a median household income less than the State's non-metropolitan median household income most recent decennial census of the U.S.; or to finance facilities which are not modest in size, design, and cost.

**Funding amount**: Individual awards range from 150,000 to \$500,000 depending on the severity of decline in quantity or quality of water.

Matching funds: Negotiable

**Description**: This program provides grants to assist rural communities that have had a significant decline in quantity or quality of drinking water. Grant may fund waterline extensions from existing systems, construction of new water lines; repairs to existing systems, construction of new wells, reservoirs, transmission lines, treatment plants, and other water sources. . Priority is given to areas with less than 5,000 people, low-income areas, and communities facing imminent decline and shortage of water.

Contact: States offices of Rural Development (http://www.rurdev.usda.gov/recd\_map.html)

Website: www.usda.gov/rus/water/program.htm and www.rurdev.usda.gov/rd/aian

## **Drinking Water State Revolving Fund Tribal Set-Aside Program**

Deadline: Unannounced deadline for 2013

**Agency**: U.S. Environmental Protection Agency

**Eligibility**: Federally recognized tribes. Projects may be self administered or run through the Indian Health Service, Native Alaskan villages may administer their projects through the state of Alaska.

**Funding amount**: A base amount of 2% of the total set aside program funding. In 2009, EPA's Region 10 allotment was \$4,401,000.

Matching funds: NA

**Description**: The Environmental Protection Agency established the Drinking Water Infrastructure Grants Tribal Set-Aside Program. Community water systems, and non-profit, non-community water systems, that serve a tribal population are eligible to have projects funded, in whole or in part, with funds. Most types of projects that improve the health of the public being served by the drinking water system are eligible for funding. Funds may also be used to conduct project feasibility studies, engineering design work, and for project administration.

Contact: Dennis Wagner U.S. EPA Region 10, 907-271-3651, wagner.dennisx@epa.gov

**Website**: http://water.epa.gov/grants\_funding/dwsrf/allotments/tribes.cfm

## **Clean Water Indian Set-Aside Grant Program**

Deadline: Unannounced deadline for 2013

**Agency**: Environmental Protection Agency (EPA), Indian Health Service (IHS) Sanitation Facilities Construction Program

**Eligibility**: All federally recognized tribes, Alaska Native Villages, and tribes on former reservations in Oklahoma are eligible for CWISA Program funds.

Funding amount: Varies.

Matching funds: NA

**Description**: The CWISA Program provides funding for wastewater infrastructure to Indian tribes and Alaska Native Villages. Funds may be used for planning, design, and construction of wastewater collection and treatment systems. The Clean Water Indian Set-Aside Grant Program (CWISA Program) provides funding for wastewater infrastructure to Indian tribes and Alaska Native Villages. The CWISA Program is administered in cooperation with the Indian Health Service (IHS). EPA uses the IHS Sanitation Deficiency System priority lists to identify and select projects for CWISA program funding. To be considered for CWISA Program funding, tribes must identify their wastewater needs to the IHS Sanitation Deficiency System.

**Contact**: http://water.epa.gov/type/watersheds/wastewater/Clean-Water-Indian-Set-Aside-Program-Coordinators.cfm

**Website**: http://water.epa.gov/type/watersheds/wastewater/upload/CWISA-tribal-faq-highres.pdf

## Request for Proposals from Indian Tribes and Intertribal Consortia for Nonpoint Source Management Grants Under Clean Water Act Section 319 (CDFA 66.460)

Deadline: Unannounced deadline for 2013

**Agency**: U.S. Environmental Protection Agency

**Eligibility**: A tribe or intertribal consortium must be federally recognized; have an approved NPS assessment report in accordance 9 with CWA section 319(a); have an approved NPS management program in accordance with CWA section 319(b); and (4) have treatment-in-a-manner-similar-to-a-state (TAS) status in accordance with CWA section 518(e). The intertribal consortium is eligible only if the consortium demonstrates that all of its members have met all eligibility requirements

**Funding amount**: Total program funding, \$3 million. 25 competitively funded grants. Proposals may request up to \$150,000.

Matching Funds: Yes

**Description**: The primary goal of a nonpoint source management program is to control nonpoint source pollution through management measures and practices. Projects should focus on watershed-based plans and on-the-ground projects that will result in significant steps towards solving NPS impairments. Fresh, coastal and estuarine projects are eligible for funding through this opportunity. Applicants should include in their proposal a description of how the project fits into the watershed context.

EPA has incorporated water quality projects for tribes in recognition that not all tribes have developed standards and may need additional time and/or technical assistance in order to develop estimates of the NPS pollutants.

Contact: Krista Mendelman, 206-553-1571, mendelman.krista@epa.gov.

Website: http://www.epa.gov/nps/tribal;

 $http://water.epa.gov/polwaste/nps/tribal/upload/2010\_02\_19\_nps\_tribal\_pdf\_tribal\_handbook2010.pdf.\\$ 

## <u>Village Safe Water Program/ Alaska Native Village and Rural Communities Grant Program (66.202)</u>

Deadline: Unannounced deadline for 2012

**Agency**: U.S. Environmental Protection Agency, State of Alaska Department of Environmental Conservation, and Alaska Native Health Consortium

**Eligibility**: To be eligible for funding under the Village Safe Water Program, the applicant must be an *unincorporated community* that has between 25 and 600 people; *a second-class city* (no population limits); or a *first class city* with not more than 600 residents.

Funding amount: Varies.

Matching funds: 50 percent. At least 25 percent provided from the state of Alaska.

**Description**: The Village Safe Water Program provides technical and financial support to communities to design and construct water and wastewater systems. It is meant to assist Alaska Native Villages and Alaska rural communities with the construction of new or improved drinking water and wastewater systems. This funding can also be used to provide training and technical assistance in the operations and maintenance of these systems.

Contact: Greg Magee, VSW Program Manager, (907) 269-7613, Greg Magee@dec.state.ak.us

Website: http://www.dec.state.ak.us/water/vsw/index.htm

## Rural Community Facilities Program Account and the Rural Water and Waste Disposal Program Account

Deadline: Unannounced deadline for 2012

**Agency**: Rural Housing Service, Department of Agriculture (USDA)

**Eligibility**: Municipalities, counties, and other local governments, associations, NGOs, Indian tribes located in exclusively rural areas can apply. Eligible beneficiaries for the funds for the Rural Community Facilities Program Account can include farmers, ranchers, rural residents, rural business and other users of public facilities.

**Funding amount:** \$130 million for the Rural Community Facilities Program Account, \$1.38 billion for the Rural Water and Waste Disposal Program Account.

Matching funds: ?

**Description**: The purpose of these two accounts is to provide capital for rural programs to improve the quality of the community. These accounts directly fund loans and grants for rural community facilities programs and for waste and water programs as described in the Consolidated Farm and Rural Development Act. The Rural Community Facilities Program Account provides capital for projects that support overall community development, such as child care facilities, food recovery and distribution centers. The Rural Water and Waste Disposal Program Account funds may be used for the construction or renovation of rural water facilities or rural waste disposal facilities.

Website: http://www.rurdev.usda.gov/

## <u>Development, Management, and Protection of Indian Tribal Water Resources</u> (CFDA 15.519)

Deadline: Unannounced deadline for 2013

**Agency**: Bureau of Reclamation - Pacific Northwest Region

**Eligibility**: Native American tribal governments (Federally recognized)

Funding amount: Up to \$20,000

Matching funds: NA

**Description**: The objective of this Funding Opportunity is to invite Federally-recognized Indian Tribes to leverage their money and resources with the Bureau of Reclamation on projects/activities that provide the opportunity to develop, manage, and protect tribal water resources. Examples of these types of activities include –but are not limited to – piping and/or lining of canals and laterals, installation of automation and/or water measurement devices, and other projects to improve efficiencies of irrigation water supply, conveyance, and distribution systems. To be eligible for funds, the Tribe must have tribal or Bureau of Indian Affairs irrigation projects located within the administrative boundaries of the located within the administrative boundaries of the Department of the Interior, Bureau of Reclamation, Snake River Area Office. See section VIIII of the Funding Opportunity Announcement for a map of the administrative boundaries of the Snake River Area Office.

Contact: Lisa Strong, Financial Assistance Officer, Phone 208-278-5138 lstrong@usbr.gov

**Website**: http://www07.grants.gov/search/search.do?&mode=VIEW&oppld=163813

## **FOUNDATION RESOURCES**

#### The Foundation Center

The Foundation Center is a national nonprofit service organization recognized as the nation's leading authority on organized philanthropy, connecting nonprofits and the grant makers, supporting them with tools they can use and information they can trust. The Center maintains the most comprehensive database on U.S. grant makers and their grants; issues a wide variety of print, electronic, and online information resources; conducts and publishes research on trends in foundation growth, giving, and practice; and offers an array of free and affordable educational programs. ©2010 Foundation Center.

http://foundationcenter.org/

The following foundations support climate change efforts-many of these are geographically focused. See their websites for more information.

## Alaska Conservation Foundation Grant programs

Energy: Coal, Renewables, & Efficiency; Circumpolar Arctic; Alaska's Oceans

Geographic focus: Alaska 907-276-1917

www.akcf.org/index.php

### **Bullitt Foundation** Grant programs

Energy, Industry, and Technology; Ecosystem Services Geographic focus:

Pacific Northwest 206-343-0807

www.bullitt.org/

## Compton Foundation Grant program

Environment and Sustainability-management and use of fresh water in western US; reducing US contribution to the global climate crisis; promoting community-based strategies to support healthy ecosystems and thriving rural communities.

**Geographic focus:** Prioritizes in this order: Pacific Coast, Western, national 650-508-1181

www.comptonfoundation.org/index.html

## **Energy Foundation**

Works to reduce carbon emissions from the electric and gas utility industry by advancing energy efficiency and renewable energy.

**Grant programs:** Power, Buildings, Transportation, Climate

415-561-6700

//www.ef.org/home.cfm

## Joyce Foundation Grant Program

Environment-Climate Change and Coal Geographic focus: Great Lakes area

#### 312-782-2464

www.joycefdn.org/Default.aspx

### John Merck Foundation Grant program

Environment Geographic focus: Northeast, national 617-556-4120

www.jmfund.org/

## Kresge Foundation Grant program

Environment-reduce greenhouse gas emissions, accelerate renewable energy technologies, and support efforts to help society adapt to the impacts of climate change, Green Building Initiative. 248-643-9630

www.kresge.org/index.aspx

## Oak Foundation Grant program

Environment Climate Change Program-Renewable energy and energy efficiency in the power and transport sectors through education, research, and policy change **Geographic focus:** Europe, Canada, Northeastern US

www.oakfnd.org/activities/climate.php

## Rockefeller Brothers Fund Grant programs

Sustainable development, Cross-Programmatic Initiative: Energy 212-812-4200 www.rbf.org/

## Rockefeller Foundation Grant program

Climate Change Resilience-building climate change resilience for poor and vulnerable people globally 212-869-8500

www.rockfound.org/initiatives/climate/climate change.shtml

### Surdna Foundation Grant program

Environment-build support for programs to stabilize climate change at the local, state and national level; improve transportation systems and patterns of land use across metropolitan areas, working landscapes, and intact ecosystems; safeguard the biological diversity and productivity of U.S. domestic oceans. 212-557-0010

www.surdna.org/

### WestWind Foundation Grant program

Environment-Southeast Climate Initiative; protection of forested ecosystems 434-977-5763

www.westwindfoundation.org/index.html

## William and Flora Hewlett Foundation Grant program

Environment- Protect the great ecosystems of the North American West, slow global climate change by reducing greenhouse gas emissions, address environmental problems that disproportionately affect disadvantaged communities in the San Francisco Bay

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Area. The Program pursues these goals by supporting public policy development and advocacy. It also engages influential groups that care about the environment but have not always been part of the traditional environmental movement, such as hunters, anglers, ranchers, Latinos, and Native Americans. **Geographic focus:** West 650-234-4500

www.hewlett.org/programs/environment-program